



## THE WORLD'S MOST ADVANCED SPECIAL STEEL PLANT

**With the official opening of the state-of-the-art special steel plant in Kapfenberg, voestalpine marks a technological milestone in the production of pioneering high-performance materials for the international automotive, energy, and aerospace industries.**

The state-of-the-art plant, the world's most advanced in terms of digitalization and sustainability, is also the first of its type to be constructed in Europe in four decades. Once fully operational, the new plant has the capacity to produce 205,000 tons of special steels annually for highly sophisticated customer segments. The plant meets the latest Industry 4.0 standards: Around 8,000 process data are continuously acquired, implemented, and evaluated in parallel. All the melting processes are directed from a central control station. The employees are trained in robotics, sensors, and data analysis at the company's own Digitalization Competence Center. The training of tomorrow's generation of skilled workers at the modern training center in Kapfenberg focuses on the digital workplace.

### ECONOMIC STIMULUS

The region is reaping significant economic benefits from investment in this major project. The new construction secures around 3,500 jobs at voestalpine's Styrian sites in Kapfenberg and Mürzzuschlag (voestalpine Böhler Edelstahl, voestalpine Böhler Aerospace, and voestalpine Böhler Bleche). Having employees with such comprehensive expertise at the site was the key reason for choosing Kapfenberg as the location for the new special steel plant.

## SUSTAINABILITY BENCHMARK

Another highlight of the new special steel plant lies in its environmentally friendly and sustainable steel production: Heat will be released from the smelters to the district heating system; cooling takes place via a closed loop; and the plant operates extremely efficiently. At the heart of the plant is the electric arc furnace, which will be operated using only green electricity.



# 205,000

**tons of special steels**  
for highly sophisticated customer segments can be produced annually using the latest technologies.



Production at the new special steel plant in Kapfenberg meets the latest Industry 4.0 standards.



# 100%

**renewable energy**  
ensures the climate-friendly operation of the electric arc furnace.

## AN OVERVIEW OF THE SPECIAL STEEL PLANT

- » Groundbreaking: 2018, opening: 2023
- » 1<sup>st</sup> new special steel plant in Europe for 40 years
- » 205,000 tons of special steels & high-performance materials annually
- » Expansion of technology leadership
- » Digitalization and AI ensure highest product quality and process stability
- » 30% increase in energy and resource efficiency
- » Secures the jobs of 3,500 highly qualified employees in Kapfenberg and Mürzzuschlag

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**voestalpine**

ONE STEP AHEAD.